

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: September 23, 2001, 03:09:00 : Search time 192.58 Seconds
(without alignments)
1097.057 Million cell updates/sec

Title: US-08-978-217-1
Perfect score: 1116
Sequence: 1 ATGGCTGCACCTGTGAGAT.....TTCTCCAGAGTGGAGACTGA 1116

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 324599 seqs, 94655562 residues

Total number of hits satisfying chosen parameters: 649198

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-Processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*
1: /cgn2_6/ptodata/2/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/2/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/2/ina/PCRTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1109.6	99.4	1920	1	US-08-746-789A-1
2	173.8	15.6	5427	3	US-09-009-913-2
3	173.8	15.6	5510	3	US-09-009-913-3
4	173.8	15.6	5667	3	US-09-009-913-4
5	162.6	14.6	848	3	US-09-009-913-338
6	101.2	9.1	2280	3	US-09-009-913-8
7	101.2	9.1	2428	3	US-09-009-913-6
8	101.2	9.1	2498	3	US-09-009-913-10
9	84.8	7.6	2266	2	US-09-213-767-1
10	73.4	6.6	2975	1	US-08-368-281-1
11	73.4	6.6	3240	1	US-08-368-281-3
12	66.6	6.0	1752	4	US-09-360-779-1
13	65.6	5.9	2268	3	US-09-344-579-1
14	63.4	5.7	2938	2	US-08-343-443B-3
15	59.8	5.4	2667	2	US-08-469-412A-1
16	59.8	5.4	2667	4	US-09-021-715-1
17	59.4	5.3	2064	4	US-08-875-944B-1
18	59.4	5.3	2064	4	US-09-116-049-3
19	51.4	4.6	2410	2	US-08-780-835B-1
20	51.4	4.6	2410	4	US-09-303-268-1
21	51.4	4.6	2410	4	US-09-116-049-1
22	51.2	4.6	7218	1	US-08-232-463-14
23	49.6	4.4	1604	1	US-08-306-691B-43
24	49.6	4.4	1604	5	PCR-US93-06251-9
25	43.6	3.9	1364	1	US-08-306-691B-50
26	43.6	3.9	1364	5	PCR-US93-06251-65
27	41.8	3.7	2344	2	US-08-469-412A-6

28	41.8	3.7	2544	4	US-09-021-715-6	Sequence 6, Appl1
29	38.8	3.5	2089	1	US-07-977-630-81	Sequence 81, Appl1
30	38.8	3.5	2089	1	US-07-977-630-82	Sequence 82, Appl1
31	38.8	3.5	3993	1	US-08-316-950-14	Sequence 14, Appl1
32	38.8	3.5	3993	5	PCR-US95-12642-14	Sequence 14, Appl1
33	38.8	3.5	5173	1	US-08-242-677-1	Sequence 1, Appl1
34	38.8	3.5	6044	1	US-08-316-950-18	Sequence 18, Appl1
35	38.8	3.5	6044	5	PCR-US95-12642-18	Sequence 18, Appl1
36	38.8	3.5	50341	1	US-08-247-901C-1	Sequence 1, Appl1
37	38.8	3.5	50341	2	US-09-075-904-1	Sequence 1, Appl1
38	38.8	3.5	52297	4	US-09-426-436-1	Sequence 1, Appl1
39	36.6	3.3	3358	3	US-09-248-571-2	Sequence 2, Appl1
40	36.2	3.2	11219	1	US-07-642-734C-1	Sequence 1, Appl1
41	36.2	3.2	11219	3	US-08-439-009A-1	Sequence 1, Appl1
42	36	3.2	1155	2	US-08-675-650B-3	Sequence 3, Appl1
43	36	3.2	1155	3	US-08-907-608-3	Sequence 3, Appl1
44	35.6	3.2	1157	1	US-07-709-949-1	Sequence 1, Appl1
45	35.4	3.2	978	4	US-09-385-028-18	Sequence 18, Appl1

ALIGNMENTS

RESULT 1
US-08-746-789A-1
; Sequence 1, Application US/08746789A
; Patent No. 5789200
; GENERAL INFORMATION:
; APPLICANT: Ismail Kola, Martin J. Tyms, Christine Debouck
; TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: SmithKline Beecham Corporation
; STREET: 709 Swedeland Road, P.O. Box 1539
; CITY: King of Prussia
; STATE: PA
; COUNTRY: USA
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: MICROSOFT WORD
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/746,789A
; FILING DATE: No. 5789200ember 15, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: William T. Han 34,344
; REGISTRATION NUMBER: ATG 50024
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610 270 5219
; TELEFAX: 610 270 4026
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1920
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: NO
; US-08-746-789A-1

Query Match 99.4%; Score 1109.6; DB 1; Length 1920;
Best Local Similarity 99.6%; Pred. No. 9.6e-273;
Matches 1112; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
1 ATGGCTGCACCTGTGAGATTGACACATTTTGTGACACTACTTCAGTCGATACAGC 60
|||||

QY 1058 AGTTGGCAAAAGCTCAGCGGCTGAGAGAGAGA 1094
| | | | | | | | | | | | | | | | | | | | | |
Db 1249 AATTGGAGAGATGCCCGAGATGAGAGAAATGA 1285

RESULT 5

US-09-009-913-338
; Sequence 338, Application US/09009913
; Patent No. 6087485
; GENERAL INFORMATION:
; APPLICANT: Axy's Pharmaceuticals, Inc.
; TITLE OF INVENTION: Asthma Related Genes
; NUMBER OF SEQUENCES: 339
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bozicevic & Reed, LLP
; STREET: 285 Hamilton Ave, Suite 200
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/009,913
; FILING DATE: 21-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J
; REGISTRATION NUMBER: 36,677
; REFERENCE/DOCKET NUMBER: SEQ-4P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-327-3231
; TELEFAX: 650-327-3231
; TELEX:
; INFORMATION FOR SEQ ID NO: 338:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 848 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 1..848
; OTHER INFORMATION:
; US-09-009-913-338

Query Match 14.6%; Score 162.6; DB 3; Length 848;
Best Local Similarity 72.7%; Pred. No. 1.7e-32;
Matches 210; Conservative 0; Mismatches 79; Indels 0; Gaps 0;

QY 758 TGAAGCAAAAGTACTGCTGCTGAGGCAAGAGACAGCGCCAGAGGCA 817
| | | | | | | | | | | | | | | | | | | | | |
Db 560 TGAAGAGGAGCAAGACACCTGTAAAGTCCACACCAAAAGACACACCAAGAGGCA 619
| | | | | | | | | | | | | | | | | | | | | |
QY 818 CCACCTGTGGAGTTCATCCGCGGACATCCTCATCCACCGGAGCTCAACGAGGCGCTCA 877
| | | | | | | | | | | | | | | | | | | | | |
Db 620 CTCACCTTATGGAGTTCATCCGAGACATTCCTTTGAGCCCGACAGAACCCAGGCGTGA 679
| | | | | | | | | | | | | | | | | | | | | |
QY 878 TGAAGTGGAGAAATCGCATGAAGGCGCTTCAAGTTCCTGCGCTCGAGGCTGTGGCCC 937
| | | | | | | | | | | | | | | | | | | | | |
Db 680 TCAAATGAGGAAAGCCGTTCGGAAGGATCTTCAGGTTCCGGAAGTCAGAAAGCTGTGGCTC 739
| | | | | | | | | | | | | | | | | | | | | |
QY 938 AACATGAGGCGCCAAAGAAAGAACAGACAGCACTGACCTACGAAAGCTGTAGCCGGGCA 997
| | | | | | | | | | | | | | | | | | | | | |
Db 740 ACCTGTGGGGAAAGAAAGAAATTAACATGATGACATACGAAAGCTACGCGGCGCTA 799

QY 998 TGAGTACTACTACAAAGCGGAGATCCTGGAACGGGTGATGCGCGCG 1046
| | | | | | | | | | | | | | | | | | | | | |
Db 800 TGAGATATTACTACAAAGCAAGAAATCTCGAACGTGTGATGACGACG 848

RESULT 6

US-09-009-913-8
; Sequence 8, Application US/09009913
; Patent No. 6087485
; GENERAL INFORMATION:
; APPLICANT: Axy's Pharmaceuticals, Inc.
; TITLE OF INVENTION: Asthma Related Genes
; NUMBER OF SEQUENCES: 339
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bozicevic & Reed, LLP
; STREET: 285 Hamilton Ave, Suite 200
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/009,913
; FILING DATE: 21-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J
; REGISTRATION NUMBER: 36,677
; REFERENCE/DOCKET NUMBER: SEQ-4P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-327-3231
; TELEFAX: 650-327-3231
; TELEX:
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2280 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-09-009-913-8

Query Match 9.1%; Score 101.2; DB 3; Length 2280;
Best Local Similarity 61.7%; Pred. No. 9e-17;
Matches 179; Conservative 0; Mismatches 108; Indels 3; Gaps 1;

QY 808 CCCAGAGGACCCACCTGTGGAGTTCATCCGGGACATCCTCATCCACCGGAGCTCAAC 867
| | | | | | | | | | | | | | | | | | | | | |
Db 548 CTCGAAAGTTCATCTATGGAATTTGTACGAGACTGTTCTATCTCTCTGAGAAAGC 607
| | | | | | | | | | | | | | | | | | | | | |
QY 868 GAGGCGCTCATGAGTGGGGAATCGCATGAAGGCGCTTCAAGTTCCTGCGCTCCGAG 927
| | | | | | | | | | | | | | | | | | | | | |
Db 608 TGTGCATTCGTGAATGGGAATAGGAACAGAAATTTTGGGTGTTAATCGGAA 667
| | | | | | | | | | | | | | | | | | | | | |
QY 928 GCTGTGGCCCACTATGAGGCGCAAGAAAGAACAGACACTGACCTACGAAAGCTG 987
| | | | | | | | | | | | | | | | | | | | | |
Db 668 GCCCTGGCAAGATGTGGGCAACAAAGAAATAAGACGAATGAGATGATGAAAGATTG 727
| | | | | | | | | | | | | | | | | | | | | |
QY 988 AGCGGGCCATGAGTACTACTCAAAAGGAGATCCTGGAAGGCGGTGATGCGCGGCGA 1047
| | | | | | | | | | | | | | | | | | | | | |
Db 728 AGCAGAGCCCTGAGATACCTATTAACAGGAATTTTGGAGCGGCT---TGACCGAAG 784
| | | | | | | | | | | | | | | | | | | | | |
QY 1048 CTCGTACAAAGTTTGGCAAAAGCTCAAGCGGCTGGAAGGAGGAGAGGT 1097
| | | | | | | | | | | | | | | | | | | | | |


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: Patent No. 5948680
:
: GENERAL INFORMATION:
:
: APPLICANT: Brenda F. Baker
:
: APPLICANT: Lex M. Cowsett
:
: TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION
:
: FILE REFERENCE: RTS-0024
:
: CURRENT APPLICATION NUMBER: US/09/213,767
:
: CURRENT FILING DATE: 1998-12-17
:
: NUMBER OF SEQ ID NOS: 47
:
: SEQ ID NO. 1
:
: LENGTH: 2266
:
: TYPE: DNA
:
: ORGANISM: Homo sapiens
:
: FEATURE:
:
: NAME/KEY: CDS
:
: LOCATION: (316)..(1602)
:
: US-09-213-767-1

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Query Match	7.68;	Score 84.8;	DB 2;	Length 2266;
Best Local Similarity	64.08;	Pred. No. 1.3e-12;		
Matches 128; Conservative	0;	Mismatches 72;	Indels 0;	Gaps 0;

OY	864	CAACGAGGGCCTCATTAAGTGGGAGATCGCATGTGAAGGGGCTTCAATCTTCGGGCTC	923
Db	372	caatgycacacatcatctccctcgactcaggaatggttgtaattcaagctggtggaatgc	431
OY	924	CGAGGCTGTGGCCCACTATGAGGGGCCAAAAGAAAAGAACAGCAGCAGCATCCCTACGAGAA	983
Db	432	agaggaagtggtgcccgtgtgvgggaactagccaagaacaagaaccaataatgaaattacacaa	491
OY	984	GCTAGCCCGGGCCATGAGGTACTACTACAAACGGGAGATCTCTGGAACGGGTGGATGGCCG	1043
Db	492	gctacagccggcctgtcggtactactatgcaagaacatcatctcgaaggttgagcggcca	551
OY	1044	GGCAGCTGTCTACACAGTTTG	1063
Db	552	gaagttcgtctacaagtttg	571

US-RESULT 10
US-08-368-281-1
Sequence 1, Application US/08368281
Patent No. 572113
GENERAL INFORMATION:
APPLICANT: Libermann, Towia A
APPLICANT: Oetgen, Joerg P
APPLICANT: Kunach, Charles A
TITLE OF INVENTION: NERF Genes
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.252
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/368,281
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Baumelster, Kirk
REGISTRATION NUMBER: 33,833
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5096
TELEFAX: 610-270-5090
INFORMATION FOR SEQ ID NO: 1:

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 2975 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
;
US-08-368-281-1

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Query Match	6.6%	Score 73.4	DB 1	Length 2975
Best Local Similarity	52.8%	Pred. No. 1.1e-09		
Matches 158	Conservative 0	Mismatches 141	Indels 0	Gaps 0

Qy	817	ACCCACCTGGGAGGTTTCATCCGGGACATCTCATCCCGGAGTCAACGAGGGCCCTC	876
Db	527	ACCTATTGTGGGAGTTCCTTTAGATCTACTCAAGATATAAAATACTGTGCCAGTAT	586
Qy	877	ATGAAGTGGGGAATTCGGCATGAAAGCGTCCTCAAGTTCCTCGCGCTGTGGCC	936
Db	587	ATTATAATGGACTCGAAGAGAAAAAGGCATATTCACCTGTGTGATTCAAAGAGCTCTCT	646
Qy	937	CAACTATGGGGCCCAAAAGAAAGAACAGCAATGACATACGAGAAAGCTGAGCGGGCC	996
Db	647	AAGCTTTGGGGAAGCATTAAGAACAAACACGACATATACTATTGAACCATGGGACAGCT	706
Qy	997	ATGAGGTACTACTACAAACGGGAGATCTGGGAACGGGTGATGGCCGCGACTCTCTAC	1056
Db	707	TTGAGTACTACTACCAAAAGGGGAATTTCTGCAAAGGTTGAAGGACAGAGCGTTGTATAT	766
Qy	1057	AAGTTTGGCAAAACATCAACCGGCTGGAAAGGAGAGAGGATGCTTCAGATGTGGAACTG	1115
Db	767	CAGTTCAAGGATATGCCGAAAACATATAGTGTGCATATGATGATGACAAAGATCAACTCG	825

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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: AEDIT 1.0 DOS text editor
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/343,443B
FILING DATE: 18-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/FR93/00494
FILING DATE: 19-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 92/06123
FILING DATE: 20-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: Weiser, Gerard J.
REGISTRATION NUMBER: 19,763
REFERENCE/DOCKET NUMBER: 989,6121P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-875-8383
TELEFAX: 215-875-8394
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 2938 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
FEATURE:
NAME/KEY: CDS
LOCATION: 143..1498
US-08-343-443B-3

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Query Match      5.7%; Score 63.4; DB 2; Length 2938;
Best Local Similarity 59.0%; Pred. No. 3.8e-07;
Matches 147; Conservative 0; Mismatches 96; Indels 6; Gaps 2;

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DB 983 ATCCAGCTGTGGGAGTTCATCCGGAGCTCTCCGACAGCG---CCACGCGCAGCTGT 1039
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QY 877 ATGAGTGGGAGATGGGAGTTCATCCGGAGCTCTCCGAGCTGTGGGCGGCGGCGG 936
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 1040 ATCACTGGAG--GGACCAAGGGGAGTTCATAATGACGAGCCCGGAGTGAAGTGGCC 1096
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 937 CAACATATGGGCGCAAAAGAAAGACAGACATGACTACGAGAGTGAAGCGCGGCGG 996
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 1097 AGCGGCTGGGCGGCGGCAAAAGCAAGCCCACTGAATTACGACAGCTGAGCGGCGC 1156
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QY 997 ATGAGTACTACTACAAACGAGAGATCTTGGAACGGGTGATGGCGCGGCACTGCTTAC 1056
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DB 1157 CTCCTATTACTATGATTAATAACATATGACCAAGTGCACGCGCAAAAGATATGCTTAC 1216
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QY 1057 AAGTTGGC 1065
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DB 1217 AATTTGAC 1225

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RESULT 15
US-08-469-412A-1
; Sequence 1, Application US/08469412A
; Patent No. 5856125
; GENERAL INFORMATION:
; APPLICANT: Mavrothalassitis, George J.
; APPLICANT: Blair, Donald G.
; APPLICANT: Fisher, Robert J.
; APPLICANT: Beal Jr., Gregory J.
; APPLICANT: Athanasiou, Meropi A.
; APPLICANT: Sgouras, Dionyssios N.
; TITLE OF INVENTION: The ERF Genetic Locus and Its Products
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP

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STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,412A
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Garrett-Mackowski, Eugenia
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 015280-229000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2667 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 123..1769
OTHER INFORMATION: /note="human ERF (ETS2 Repressor
OTHER INFORMATION: Factor) cDNA"
US-08-469-412A-1

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Query Match      5.4%; Score 59.8; DB 2; Length 2667;
Best Local Similarity 55.9%; Pred. No. 3e-06;
Matches 137; Conservative 0; Mismatches 102; Indels 6; Gaps 1;

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    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 201 ATCCAGCTGTGGGAGTTCATCCGGAGCTCTCCGAGAGAGAGTACAGGCGCTATT 260
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 877 ATGAGTGGGAGATGGGAGTTCATCCGGAGCTCTCAAGTTCTCCGCTCCGAGGCTGTGGCC 936
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 261 GCGTGGCAGGGGAGCTACGCGGGAATTCGTCATCAAGAGC-----CTGATGAGGTGGCC 314
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QY 937 CAACATATGGGCGCAAAAGAAAGACAGACATGACTACGAGAGTGAAGCGCGGCGG 996
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 315 CGCGTGTGGGCGCTTCGCAAGTGCAGCCCGCATGATTAATGACAGAGCTGAGCGCGGCGC 374
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QY 997 ATGAGTACTACTACAAACGAGAGATCTTGGAACGGGTGATGGCGCGGCACTGCTTAC 1056
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 375 CTCGCTATTACTATACAAAGCGCATTTCTGCACAGACCAAGGGAACGGTTACCTTAC 434
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QY 1057 AAGTT 1061
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DB 435 AAGTT 439

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Search completed: September 23, 2001, 07:40:45
Job time: 16305 sec

